METHOD FOR ADAPTING QUANTIZATION IN VIDEO CODING USING FACE DETECTION AND VISUAL ECCENTRICITY WEIGHTING

5   ABSTRACT

A system encodes video by detecting the location
of a facial region of a frame of the video. Sensitivity
information is calculated for each of a plurality of
locations within the video based upon the location of the
10   facial region. The frame is encoded in manner that provides
a substantially uniform apparent quality of the plurality of
locations to the viewer when the viewer is observing the
facial region of the video.